

MILITARY SPECIFICATION

MICROCIRCUITS, DIGITAL, ADVANCED CMOS,
COUNTERS, MONOLITHIC SILICON, POSITIVE LOGIC

Inactive for new design after 9 August 1996

This amendment forms a part of MIL-M-38510/763A, dated 7 November 1994,
and is approved for use by all Departments and Agencies of the Department of Defense.

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*1.2.3, delete and substitute:

"1.2.3 Case outlines. The case outlines are as designated in MIL-STD-1835 and as follows:

<u>Outline letter</u>	<u>Descriptive designator</u>	<u>Terminals</u>	<u>Package style</u>
E	GDIP1-T16 or CDIP2-T16	16	Dual-in-line
F	GDFP2-F16 or CDFP3-F16	16	Flat pack
Z	GDFP1-G16	16	Flat pack with gull wing
2	CQCC1-N20	20	Square leadless chip carrier"

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Table I, high level output voltage, V_{OH3} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, high level output voltage, V_{OH5} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

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Table I, high level output voltage, V_{OH7} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, low level output voltage, V_{OL3} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, low level output voltage, V_{OL5} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

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Table I, low level output voltage, V_{OL7} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, positive input clamp voltage, V_{IC+} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, negative input clamp voltage, V_{IC-} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, input current high, I_{IH} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, input current low, I_{IL} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

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Table I, quiescent supply current outputs high, I_{CCH} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

Table I, quiescent supply current outputs low, I_{CCL} , device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

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Table I, truth table test output voltage, device type column; replace "02, 05" with "02, 04, 05" for RHA levels M, D, and R.

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Table I, propagation delay time, CP to Qn (\overline{PE} input high or low) t_{PHL} , t_{PLH} , $V_{CC} = 3.0$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

Table I, propagation delay time, CP to Qn (\overline{PE} input high or low) t_{PHL} , t_{PLH} , $V_{CC} = 4.5$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

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Table I, propagation delay time, CP to TC, t_{PHL} , t_{PLH} , $V_{CC} = 3.0$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

Table I, propagation delay time, CP to TC, t_{PHL} , t_{PLH} , $V_{CC} = 4.5$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

Table I, propagation delay time, CET to TC, t_{PHL} , t_{PLH} , $V_{CC} = 3.0$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

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Table I, propagation delay time, CET to TC, t_{PHL} , t_{PLH} , $V_{CC} = 4.5$ V, device type column; RHA level M add "04" after "02", RHA level D add "04" after "02", RHA level R add "04" after "02".

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*FIGURE 1; add case outline "Z" under device type "02" next to case outlines "E, F".

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The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 11
NASA - NA
DLA - CC

Preparing activity:
DLA - CC

Review activities:

Army - AR, MI, SM
Navy - AS, CG, MC, OS, SH, TD
Air Force - 19, 99

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